Figure 1

Multiplexer Priority:
1 - Debug/DFT IP
2 - Exception/Fault re-steer
3 - Branch mispredict re-steer 5 - '0 ' bubble branch re-steer 6 - Sequential IP (IP+1) 4 - '1' bubble branch re-steer

Prior Art

Figure 2

3 - Branch mispredict re-steer 5 - '0 ' bubble branch re-steer 6 - Sequential IP (IP+1) 4 - '1' bubble branch re-steer 2 - Exception/Fault re-steer Multiplexer Priority: 1 - Debug/DFT IP

Prior Art

N1/N2 - Inactive thread re-steer

5 - '0 ' bubble branch re-steer 6 - Sequential IP (IP+1)

3 - Branch mispredict re-steer

2 - Exception/Fault re-steer

Multiplexer Priority:

1 - Debug/DFT IP

4 - '1' bubble branch re-steer

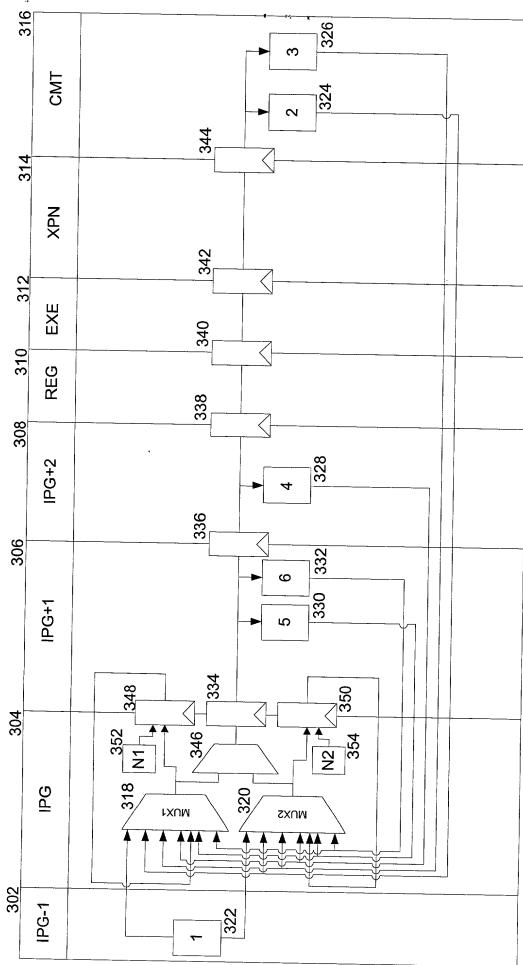


Figure 3

2207/10122 EL566655387US

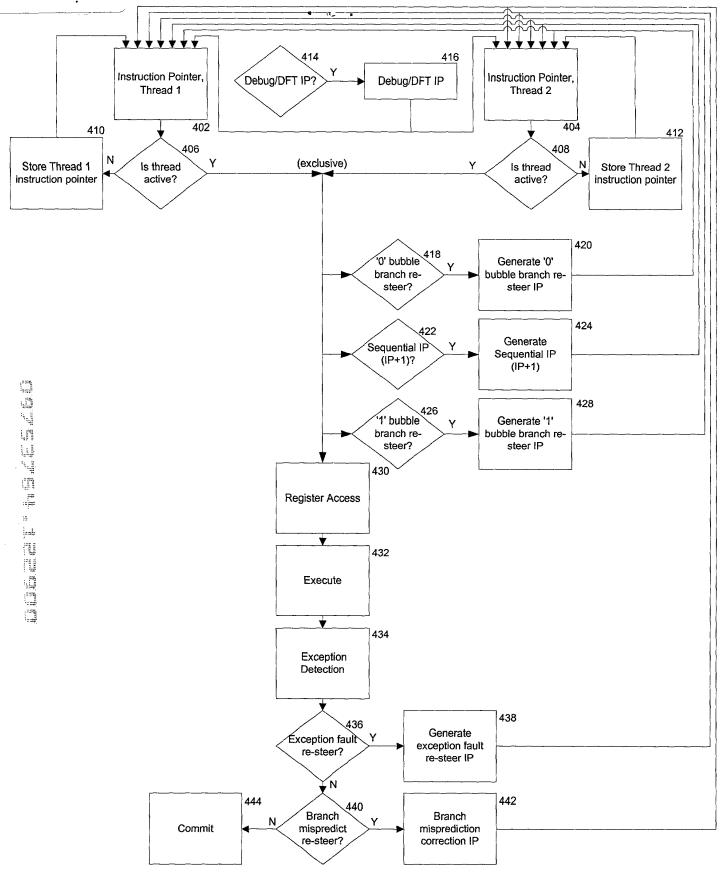


Figure 4